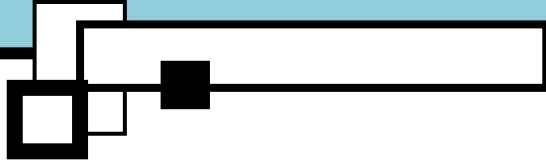


Prevent Epidemics and the Spread of Disease (PE)



Prevent Epidemics and the Spread of Disease (PE) - Controlling infectious or communicable disease is fundamental to public health. Prevent Epidemics and the Spread of Disease Standards address surveillance, investigation, and prevention and control measures. These measures must be in place for everyday activities such as reportable disease follow-up as well as events of disease outbreaks. Epidemiology, environmental health, and laboratory functions are equal elements in this system.

Standard PE 1: Assure staff is capable of conducting epidemiological activities.

Standard PE 2: Maintain an epidemiological system.

Standard PE 3: Maintain governmental epidemiological infrastructure

Total Local Criteria: 8
Total State Criteria: 12



**Iowa Public Health
Modernization**



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Prevent Epidemics

STANDARD PE 1: Assure staff are capable of conducting epidemiological activities.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 1a-L Designate at least one lead staff to conduct epidemiological activities.	1. Job description of staff who conduct epidemiological activities.	Purpose: The purpose of this criterion is to assure that the local health agency has staff available to conduct epidemiological activities.
		Significance: Epidemiology is one of the core sciences of public health.
		Guidance: The job description of up to three staff members conducting epidemiological activities demonstrates what roles and responsibilities the staff has in the event an epidemiological response is needed. If more than three individuals on staff are designated to conduct epidemiological activities, also include a table of organization identifying other individuals within the organization who conduct epidemiological activities.

STANDARD PE 1: Assure staff are capable of conducting epidemiological activities.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 1b-L Assure designated lead epidemiological staff completes basic training on disease prevention, disease surveillance, and epidemiological training.	1. Certificates of completion.	Purpose: The purpose of this criterion is to assure that designated epidemiological staff complete basic training.
		Significance: It is important that staff who conduct epidemiological activities has undergone a core set of training.
		Guidance: For up to three individuals (should be the individuals whose job descriptions were provided in PE 1a-L) submit certificates showing completion of the following; Basic Epi, Advanced Epi, and IDSS or other comparable training.

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STANDARD PE 1: Assure staff are capable of conducting epidemiological activities.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 1c-L Assure each individual designated as lead epidemiological staff completes a minimum of six hours of disease prevention, disease surveillance, epidemiological, or closely related training per year.	1. Documentation of training completion.	Purpose: The purpose of this criterion is to assure that designated epidemiological staff completes ongoing education in the areas of disease prevention, disease surveillance, and epidemiological training.
		Significance: As new diseases emerge and science changes, epidemiological staff needs to be continually learning.
		Guidance: Submit the training records or certificates of completion for epidemiological staff documenting six hours of annual training.

STANDARD PE 1: Assure staff are capable of conducting epidemiological activities.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 1a-S Designate staff with expertise to conduct epidemiological activities.	1. Job descriptions of staff who conduct epidemiological activities. 2. Table of organization.	Purpose: The purpose of this criterion is to assure that the state health department has staff available to conduct epidemiological activities.
		Significance: Epidemiology is one of the core sciences of public health.
		Guidance: The job description of six staff members who conduct epidemiological activities demonstrate what roles and responsibilities the staff have in the event an epidemiological response is needed. Also include a table of organization

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		identifying other individuals within the organization who conduct epidemiological activities. All designated individuals should meet the CDC/CSTE Competencies for Applied Epidemiologists in Governmental Public Health Agencies or above qualifications.
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STANDARD PE 1: Assure staff are capable of conducting epidemiological activities.

CRITERIA	REQUIRED DOCUMENTATION	
PE 1b-S Assure designated epidemiological staff complete a minimum of 12 hours of disease prevention, disease surveillance, or epidemiological training per year.	1. Documentation of training completion.	Purpose: The purpose of this criterion is to assure that designated epidemiological staff complete ongoing education in the areas of disease prevention, disease surveillance, and epidemiological training.
		Significance: As new diseases emerge and science changes epidemiological staff need to be continually learning.
		Guidance: Submit the training records or certificates of completion for epidemiological staff documenting 12 hours of annual training.

STANDARD PE 2: Maintain an epidemiological system.

CRITERIA	REQUIRED DOCUMENTATION	
PE 2a-L Maintain a mechanism to receive infectious disease reports at all times.	1. Documentation of a 24-hour, seven-days-a-week surveillance system.	Purpose: The purpose of this criterion is to assure that the health agency can receive infectious disease reports at all times.
		Significance: Infectious disease notification doesn't just occur during normal working hours; public health must be able to respond at any time the need arises.
		Guidance: Documentation must include an on-call listing, the on-call policy, an after-hours number, and documentation of access to IDSS.

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STANDARD PE 2: Maintain an epidemiological system.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 2b-L Maintain surveillance infrastructure for infectious diseases.	1. Proof of communication with partners.	Purpose: The purpose of this criterion is to assure that the health agency is conducting surveillance for infectious diseases.
		Significance: Surveillance is an important function of public health and includes monitoring for potential threats to the community. Surveillance activities may be general or disease-specific.
		Guidance: Show two examples documenting communication with state or community partners to accept reports of unusual or increased illness suspected to be caused by infectious diseases. Examples include letters from daycares, call forms and emails from school nurses. The two examples should be unique (e.g., letters and emails, call forms and letters).

STANDARD PE 2: Maintain an epidemiological system.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 2c-L Conduct infectious disease investigations.	1. Investigation Report and/or 2. Policies and Procedures.	Purpose: The purpose of this criterion is to assure that the health agency is conducting infectious disease investigations.
		Significance: It is not possible to work to control an infectious disease outbreak without a strong investigation.
		Guidance: If the health agency has experienced an infectious disease investigation in the last three years, the agency must present an investigation report, proof of state or community partnerships (this may or may not be in the investigation report), and policies and procedures for investigation and control.

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		If the health agency has not experienced an infectious disease investigation in the last three years the agency shall provide only policies and procedures for investigation and control.
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STANDARD PE 2: Maintain an epidemiological system.

CRITERIA	REQUIRED DOCUMENTATION	
PE 2d-L Promote community education strategies to prevent and control infectious diseases.	1. Documentation of community education strategies.	Purpose: The purpose of this criterion is to assure that the health agency is involved in community education strategies to prevent and control infectious diseases.
		Significance: The health agency should regularly be providing the community with information about how to prevent and control infectious diseases.
		Guidance: The agency should submit documentation showing five different methods. Methods may include brochures in the office; information on the website; public service announcements; Facebook page; health fairs; policy/procedures; press releases; presentations (include presentation and list of who attended).

STANDARD PE 2: Maintain an epidemiological system.

CRITERIA	REQUIRED DOCUMENTATION	
PE 2e-L Provide disease prevention, disease surveillance, or epidemiology consultation to health care providers in your	1. Documentation of consultation.	Purpose: The purpose of this criterion is to assure that the health agency is providing consultation to health care providers about disease prevention, disease surveillance, and epidemiology.
		Significance: Health care providers and public health care providers working together to address the needs of community members is advantageous for community members.
		Guidance: Provide two different examples of consultation from

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jurisdiction.		the last two years (e.g., email and phone log). Examples can include, but are not limited to, phone logs, letters, emails, presentations, fact sheets, website, or minutes from community or partnership meeting.
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STANDARD PE 2: Maintain an epidemiological system.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 2a-S Maintain a mechanism to receive infectious disease reports at all times.	1. Documentation of a 24 hour, seven days a week, 365 days a year surveillance system.	Purpose: The purpose of this criterion is to assure that the health department can receive infectious disease reports at all times.
		Significance: Infectious disease notification doesn't just occur during normal working hours, public health must be able to respond at any time the need arises.
		Guidance: Documentation must include an on-call listing, the on-call policy, an after hours number, two faxes received after hours, and documentation of access to IDSS.

STANDARD PE 2: Maintain an epidemiological system.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 2b-S Conduct surveillance for infectious diseases.	1. Proof of communication with state, local, laboratory, and hospital partners to accept reports of unusual or increased illness	Purpose: The purpose of this criterion is to assure that the health agency is conducting surveillance for infectious diseases.
		Significance: Surveillance is an important function of public health and includes monitoring for potential threats to the community. Surveillance activities may be general or disease specific.
		Guidance: Provide two examples of documentation showing communication with state, local, laboratory, and hospital

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	<p>suspected to be caused by infectious diseases.</p> <p>2. Proof of disease specific surveillance programs.</p>	<p>partners to accept reports of unusual or increased illness suspected to be caused by infectious diseases. Evidence may include letters, emails, faxes, call forms, etc. Also provide proof of at least two disease specific surveillance programs. Proof could include contracts, fact sheets, and disease specific surveillance reports.</p>
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STANDARD PE 2: Maintain an epidemiological system.

CRITERIA	REQUIRED DOCUMENTATION	
<p>PE 2c-S Conduct infectious disease investigations in partnership with local health agencies, the state hygienic laboratory, and other state agencies.</p>	<p>1. Documentation of partnership with local health departments, state hygienic laboratory, and other state agencies.</p>	<p>Purpose: The purpose of this criterion is to assure that the department is conducting infectious disease investigation in partnership with local health agencies, the state hygienic laboratory, and other state agencies.</p>
		<p>Significance: Partnering to conduct infectious disease investigations is an important role of the department in carrying out its mission of promoting and protecting the health of Iowans.</p>
		<p>Guidance: Provide an example of a procedure outlining local and state health department responsibilities. Provide at least one investigation report or IDSS report showing partnership with a local health department. Provide at least one investigation report or IDSS report showing partnership with another state agency. Provide at least one example of partnership with state hygienic laboratory.</p>

STANDARD PE 2: Maintain an epidemiological system.

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CRITERIA	REQUIRED DOCUMENTATION	
PE 2d-S Promote statewide education strategies to prevent and control infectious diseases to local public health agencies and the general public.	1. Four examples of statewide education strategies in the last 18 months.	Purpose: The purpose of this criterion is to assure that the department is promoting statewide education strategies to prevent and control infectious diseases. Strategies should be made available to local public health agencies and the general public.
		Significance: As the state governmental public health agency it is the responsibility of IDPH to deliver statewide educational messages about the prevention and control of infectious diseases.
		Guidance: Examples of documentation may include press release templates, fact sheets, website, commercials, billboards, webinars, HAN messages, and technical assistance to local health agencies.

STANDARD PE 2: Maintain an epidemiological system.

CRITERIA	REQUIRED DOCUMENTATION	
PE 2e-S Provide disease prevention, disease surveillance, disease investigation, or epidemiology consultation to health care providers, public health partners, governmental partners, and associations.	1. Proof of consultation with health care providers, public health partners, governmental partners, and associations.	Purpose: The purpose of this criterion is to assure that the department is providing consultation in the areas of disease prevention, disease surveillance, disease investigation, and epidemiology to partners.
		Significance: The partnership of health care providers, public health partners, governmental partners, associations and the general public is advantageous for the state of Iowa and its people's health.
		Guidance: Provide 1 example for each partner. Documentation may include; website, fact sheets, EPI update, calls logs, association newsletter articles, or presentations. If a presentation is used as documentation submit both the

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		presentation and a list of attendees or description of the audience.
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STANDARD PE 3: Maintain governmental epidemiological infrastructure.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 3a-S In coordination with other state agencies, professional organizations, state hygienic laboratory, and other partners assure training opportunities on disease prevention, disease surveillance, and epidemiology.	<ol style="list-style-type: none"> 1. Training agendas. 2. Proof of coordination. 	Purpose: The purpose of this criterion is to assure that the department is coordinating with state agencies, professional organizations, state hygienic laboratory, and other partners to identify training on disease prevention, disease surveillance, and epidemiology and assure training opportunities are available.
		Significance: In order to have a proficient epidemiological workforce it is important to assure the availability of training for designated epidemiological staff. The department should coordinate with other entities with an interest in developing epidemiological capacity.
		Guidance: Provide at least two training agendas for the last two years, and show how the department coordinated with the partners listed to plan or assure the delivery of the training. One training agenda submitted shall show coordination with the state hygienic laboratory.

STANDARD PE 3: Maintain governmental epidemiological infrastructure.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 3b-S Maintain guidance documents outlining disease prevention, disease surveillance, and	<ol style="list-style-type: none"> 1. Foodborne Outbreak Investigation Manual. 2. Epi Manual. 	Purpose: The purpose of this criterion is to assure that the department maintains guidance documents that outline disease prevention, disease surveillance, and epidemiology strategies.
		Significance: It is important that these documents remain current and relevant in order to effectively carry out

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epidemiology strategies.		epidemiological activities. Guidance: Provide a copy or a link to the Foodborne Outbreak Investigation Manual and documentation that it has been reviewed in the last two years. Provide a copy or a link to the Epi Manual and documentation that it has been reviewed in the last two years.
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STANDARD PE 3: Maintain governmental epidemiological infrastructure.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 3c-S Maintain a state-wide system to collect infectious disease surveillance and investigation information.	1. Proof of maintenance of the Iowa Disease Surveillance System (IDSS).	Purpose: The purpose of this criterion is to assure that the department maintains a state wide system to collect infectious disease surveillance and investigation information.
		Significance: Surveillance is an important function of epidemiology. A state wide system allows for better monitoring of infectious disease information and should be considered part of the infrastructure necessary to deliver public health services. Maintenance is necessary to assure the system is current, relevant, and can be expanded to include new diseases as they emerge.
		Guidance: The department shall provide documentation that IDSS is being maintained.

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STANDARD PE 3: Maintain governmental epidemiological infrastructure.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 3d-S Maintain an interactive collaborative relationship with the state hygienic laboratory to support public health activities.	1. Documentation of collaborative relationship.	Purpose: The purpose of this criterion is to assure that the department maintains an interactive collaborative relationship with the state hygienic laboratory.
		Significance: The state hygienic laboratory is an essential public health partner, a strong relationship between the department and the laboratory is necessary in effectively addressing disease in Iowa.
		Guidance: Documentation shall include a current contract with the state hygienic laboratory and at least 3 examples of an interactive collaborative relationship which could include; meeting minutes, letters of support, committee memberships, etc.

STANDARD PE 3: Maintain governmental epidemiological infrastructure.		
CRITERIA	REQUIRED DOCUMENTATION	
PE 3e-S Provide direct support, including surge capacity, for local public health agencies directly involved in outbreak control.	1. Documentation of direct support. 2. Documentation of surge capacity assistance.	Purpose: The purpose of this criterion is to assure that the department is providing direct support, including surge capacity for local public health agencies directly involved in outbreak control.
		Significance: The department should play a role in assisting local public health agencies directly involved in outbreak control in order to provide expertise and additional assistance as needed in the event that the local public health agency is overwhelmed.
		Guidance: Provide at least one example of direct support and one example of surge capacity. Documentation may include: investigation reports, regional epidemiologist's logs, investigation

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		questionnaires, databases, reportable disease summaries, tracking of control measures, communication plan, or call logs.
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